

Claims

What is claimed is:

1. A method for creating streaming video data, the method comprising:

compressing video data to a first intermediate data file using a first transform;

compressing the first intermediate data file to a second intermediate data file using a second transform;

compressing the second intermediate data file to a streaming video data file using a third transform.

2. The method according to claim 1, wherein the first intermediate data file comprises an MPEG-2 data file.

3. The method according to claim 1, wherein the second intermediate data file comprises an unconstrained MPEG-1 data file.

4. The method according to claim 1, wherein the video data further comprises NTSC format video data.

5. The method according to claim 1, wherein the first intermediate data file further comprises an MPEG-2 data file and the second intermediate data file further

comprises an unconstrained MPEG-1 data file, the compressing the first intermediate data file to a second intermediate data file further comprising converting the MPEG-2 data file to the unconstrained MPEG-1 data file.

6. The method according to claim 1, further comprising de-interlacing the first intermediate data file using the first transform.

7. The method according to claim 1, wherein the first intermediate data file is encoded at rate of 5 Mbps or more.

8. The method according to claim 1, wherein the streaming data file is encoded at a rate of 1.5 Mbps or less.

9. The method according to claim 1, further comprising transmitting the streaming data file over a network.

10. The method according to claim 1, wherein the first intermediate data is encoded at about 30 frames per second, and wherein the compressing the first intermediate data file to a second intermediate data file using a second

transform further includes encoding the second intermediate data file at about 30 frames per second or less.

11. The method according to claim 1, wherein the compressing the first intermediate data file to a second intermediate data file using a second transform is performed in transparent mode.

12. A method for creating streaming video data, the method comprising:

converting video data to an MPEG-2 data file using a first transform;

converting the MPEG-2 data file to an unconstrained MPEG-1 data file using a second transform;

converting the MPEG-1 data file to a streaming video data file using a third transform.

13. The method according to claim 12, wherein the converting the MPEG-2 data file to an unconstrained MPEG-1 data file using a second transform is performed in transparent mode.

14. The method according to claim 12, wherein the MPEG-2 data file is encoded at a rate of 5 Mbps or greater.

15. The method according to claim 12, wherein the video data further comprises NTSC format video data.

16. The method according to claim 12, further comprising de-interlacing the first intermediate data file using the first transform.

17. The method according to claim 12, wherein the converting the first intermediate data file to a second intermediate data file using a second transform is performed in transparent mode.

18. The method according to claim 12, wherein the first intermediate data is encoded at about 30 frames per second and wherein the converting the first intermediate data file to a second intermediate data file using a second transform further includes encoding the second intermediate data file at about 30 frames per second or less.

19. A method for creating streaming video data, the method comprising:

converting an MPEG-2 data file to an unconstrained MPEG-1 data file in transparent mode using a first transform;

converting the unconstrained MPEG-1 data file to a streaming video data file using a second transform.

20. A computer-readable medium comprising program instructions for creating streaming video data, by performing the steps of:

converting an MPEG-2 data file to an unconstrained MPEG-1 data file in transparent mode using a first transform;

converting the unconstrained MPEG-1 data file to a streaming video data file using a second transform.